JC10 Rec'd PCT/PTO 15 JUN 2005

FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY DOCKET NUMBER				
TRANSMITTAL LETTER TO THE UNITED STATES		46124-5392				
DESIGNATED/ELECTED OFFICE (DO/EO/US)						
CONCERNING A FILING	` ,	U.S. APPLICATION NO. If known, see 37 CFR 1.5				
CONCERNING A FILING	UNDER 33 U.S.C. 371	NEW 10/539067				
DIFFERENCE FIGURE A PRINCIPLO VIVIO	DITTERNAL TRANSPORTE	PRIORITY DATE OF A RAFE				
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED				
PCT/JP2003/016115	December 16, 2003	December 16, 2002				
TITLE OF INVENTION						
PHOTODETECTOR APPLICANTS FOR DOUGOUS						
APPLICANT(S) FOR DO/EO/US						
Yasuhiro SUZUKI and Seiichiro MIZUNO Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
	Designated Elected Office (Do/20/00) (ne tonowing nems and other miormation.				
	concerning a filing under 35 U.S.C. 371.					
	T submission of items concerning a filing					
		C. 371(f)). The submission must include				
items (5), (6), (9) and (21) indicated 4. The US has been elected (Article 31).	below.					
5. A copy of the International Application	as filed (35 U.S.C. 371(c)(2))					
	nly if not communicated by the Internation	al Bureau).				
	ion was filed in the United States Receivin	g Office (RO/US).				
6. An English language translation of the	International Application as filed (35 U.S	.C. 371 (c)(2))				
a. 🔯 is attached hereto.						
b. has been previously submitte						
_ _	7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))					
a. are attached hereto (required only if not communicated by the International Bureau).						
b. have been communicated by the International Bureau. c. have not been made: however, the time limit for making such amendments has not expired.						
 c. have not been made; however, the time limit for making such amendments has not expired. d. have not been made and will not be made. 						
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).						
9. An oath or a declaration of the inventor(s) (35 U.S.C. 371 (c)(4))						
10. An English language translation of the annexes of the International Preliminary Examination Report under PCT						
Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included						
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.						
13. A preliminary amendment.						
 14. An Application Data Sheet under 37 C 15. A substitute specification. 	FR 1.76.	9				
16. A power of attorney and/or change of	address letter					
17. A computer-readable form of the sequence		3ter.2 and 35 U.S.C. 1.821-1.825.				
18. A second copy of the published interna						
	e translation of the international application					
20. Other items or information:	•					
(a) PCT/IB/304						
(b) PCT/IB/308						
(c) PCT/ISA/210 (d) Front page of International Publica	ution No. WO 2004/056094 A 1					
(d) Front page of International Publication No. WO 2004/056094 A1						

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U.S. APPLICATION (If Igowa see 37-CFR) 57 INTERNATIONAL APPLICATION NO. PCT/JP2003/016115			ATTORNEY DOCKET NUMBER			
L UNEW 9 3 9 U O / PCT/JP2003/016115			046124-5392			
				Calculations	PTO use only	
The following fees are submitted:						
			\$ 3	00.00	\$ 300.00	
22. ☑ Examination Fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$ 100.00				satisfy provisions		
All other situatio	ns			00.00	\$ 200.00	
23. 🗵 Search Fee						
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						
All other situations\$ 500.00				\$ 500.00		
TOTAL OF 21, 22 and 23 =					\$1000.00	
☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
			additional 50 or fraction			
Total Sheets	Extra sheets		up to a whole number)	RATE		· .
22- 100 =	0/50 =		0	× \$250.00	\$0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				s from the earliest	\$ 130.00	
CLAIM	4S	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims		3 - 20 =	0	X \$50.00	\$ 0.00	
Independent clai		1 - 3 =	0	X \$200.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360.00 TOTAL OF ABOVE CALCULATIONS =					\$ 0.00 \$ 1,130.00	
					\$ 1,150.00	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½. SUBTOTAL =				\$1,130.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the				\$1,130.00		
earliest claimed priority date (37 CFR 1.492(i)). +				\$0.00		
TOTAL NATIONAL FEE = Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied				\$ 1,130.00		
by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$		
TOTAL FEES ENCLOSED =				ENCLOSED =	\$1,130.00	
					Amount to be refunded:	S
·				Amount to be	\$	
charged:						L
a. A check in the amount of \$1,130.00 to cover the above fees is enclosed.						
b. Please charge my Deposit Account No. 50-0573 in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0573</u> .						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO:						
CUSTOMER NO.: 023973						
DRINKER BIDDLE & REATH LLP 1500 K Street, N.W., Suite 1100 SIGNATURE						
Washington, D.C. 20005-1209 NAME: John G. Smith						
Tel: (202) 842-8800 REGISTRATION NUMBER: <u>33,</u> Fax: (202)-204-0289 DATE: <u>June 15, 2005</u>					18	
2000 2000 2000 2000 2000 2000 2000 200						

FORM PTO-1390 (REV. 02-2005)

VERIFICATION

The undersigned, of the below address, hereby certifies that he/she well knows both the English and Japanese languages, and that the attached is an accurate English translation of the PCT application filed on December 16, 2003 under No. PCT/JP03/16115.

The undersigned declares further that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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Signed this	
Signature:	Name Shiro TERASAKI
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